

S/N 10/594100

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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| Applicant:  | Geng et al.  | Examiner:       | Maier, Leigh C. |
| Serial No.: | 10/594100  | Group Art Unit: | 1623            |
| Filed:      | June 29, 2007  | Docket No.:     | 09548.1045USWO  |
| Title:      | ALGIN OLIGOSACCHARIDES AND THE DERIVATIVES THEREOF AS<br>WELL AS THE MANUFACTURE AND THE USE OF THE SAME |                 |                 |

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CERTIFICATE OF TRANSMISSION

I hereby certify that this paper is being transmitted by EFS Web to the United States Patent & Trademark Office on July 16, 2010

By: 

Name: Meegan M. Zane

**SUPPLEMENTAL RESPONSE**

Mail Stop: AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

Further to the Amendment filed May 28, 2010, Applicants respectfully request entry and favorable consideration of the remarks and materials submitted herewith.

Applicants respectfully submit a second Rule §1.132 Declaration by one of the Applicants Dr. Meiyu Geng. The Declaration includes the supplementary experimental data was submitted in the Appendix filed with the Amendment of May 28, 2010. The supplementary experimental data shows that 2-mer to 5-mer and 7-mer to 10-mer of the mannuronic acid oligosaccharide as recited in claim 11 have the same effect as the 6-mer of the mannuronic acid oligosaccharide of claim 11, as explained at pages 6-7 in the May 28, 2010 Amendment.

With respect to the Declaration, Applicants wish to clarify that the reference to paragraph [0096] of the present application US 10/594,100 (see page 3 of the Declaration at the first paragraph under the heading "Supplementary Experimental Data"), actually